

INTERNATIONAL SEARCH REPORT

International Application No.

T/JP 03/09887

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H05K13/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H05K B65G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 07, 29 September 2000 (2000-09-29) -& JP 2000 118678 A (YAMAHA MOTOR CO LTD), 25 April 2000 (2000-04-25) figures 1,2 paragraph '0009! paragraph '0017! - paragraph '0024! ----	1,2,6
A	US 6 405 851 B1 (TAKEDA MASATO) 18 June 2002 (2002-06-18) column 2, line 60 -column 3, line 31; figure 1 ----	1
A	DE 94 09 434 U (IR3 VIDEO INT GMBH) 11 August 1994 (1994-08-11) page 6, paragraph 2 -page 7, paragraph 2; figures 1,3, ----- -/-	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

29 September 2003

Date of mailing of the international search report

10/10/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Dobbs, H

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 2000, no. 04, 31 August 2000 (2000-08-31) & JP 2000 022398 A (MATSUSHITA ELECTRIC IND CO LTD), 21 January 2000 (2000-01-21) abstract</p> <p>-----</p>	1

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2000118678	A	25-04-2000	NONE	
US 6405851	B1	18-06-2002	JP 2001058716 A	06-03-2001
DE 9409434	U	11-08-1994	DE 9409434 U1	11-08-1994
JP 2000022398	A	21-01-2000	KR 2000011438 A	25-02-2000
			US 6453548 B1	24-09-2002